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(71) Applicant (for all designated States except US): FIBER-TRACKER AB [SE/SE]; S-184 84 Åkersberga (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KARLSSON, Håkan, Ingvar [SE/SE]; Gransättravägen 76, S-184 61 Åkersberga (SE). FRANSSON, Per-Ivar [SE/SE]; Ekbacksvägen 31, S-184 32 Åkersberga (SE).

(74) Agents: BERNHULT, Lennart et al.; AB Stockholms Patentbyrå, Zacco &amp; Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).

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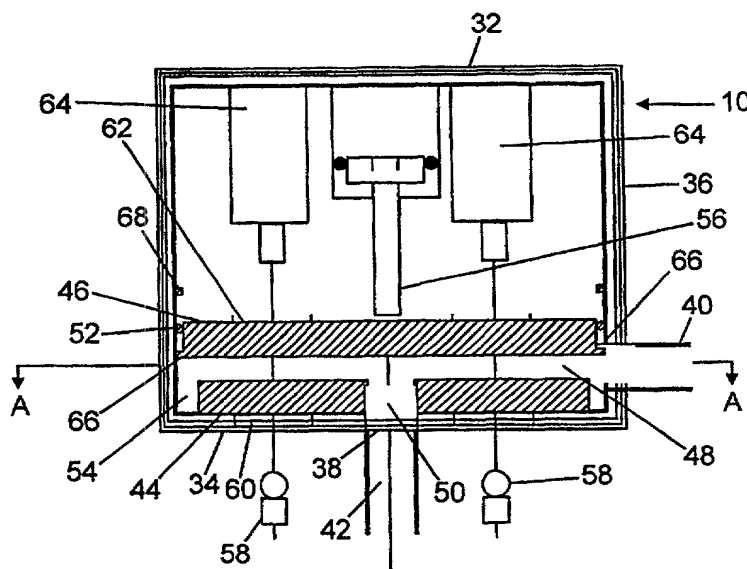
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## (57) Abstract

Device for measuring fibre properties in a flowing suspension. The device includes a measuring cell (10) in which there is a measuring field (48) defined between two limiting surfaces and a means (56) of adjusting the width of the measuring field. The limiting surfaces have two opposing, transparent sections (60, 62) that allow illumination through the flowing suspension passing through and measurement by optical means. In addition, the measuring cell (10) has an inlet opening (38) intended for the whole of the suspension flow and an outlet opening (40) intended for the whole of the suspension flow.